

PATENT
Docket No. 10245US03

CG CF

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

EDWARDS et al.

Patent No.: 6,850,345 B2

Issued: February 1, 2005

Serial No.: 10/781,439

For: SANDWICH HOLOGRAPHIC DISK
CONSTRUCTION WITH THIN MOLDED
SUBSTRATES

[illegible]

**CERTIFICATE OF
CORRECTIONS BRANCH**

REQUEST FOR CERTIFICATE OF CORRECTION UNDER 37 C.F.R. 1.322

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Certificate

JUL 28 2005

Dear Sir:

of Correc

It is respectfully requested that a Certificate of Correction be issued in connection with the subject patent in accordance with the provisions of 37 C.F.R. 1.322 and Patent Office Notice dated January 24, 1975.

Because the listed errors first occurred in the printed patent, and thus are not due to Applicants' mistake, no fee is required in connection with this Certificate. For the PTO's convenience, enclosed is a Supplemental Notice of Allowability dated 11/29/2005 from the Examiner in which amendments were made to the claims. Applicants have circled the portions of the Examiner's action corresponding to the Certificate of Correction.

Respectfully submitted,

Date _____

Imation Legal Affairs
P.O. Box 64898
St. Paul, Minnesota 55164-0898
Telephone: (651) 704-3604
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Eric D. Levinson
Registration No. 35,814

FUL 29 2005

UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

PATENT NO : 6,850,345 B2

DATED : Feb. 1, 2005

INVENTOR(S) : Jathan D. Edwards et al.

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 10,

Lines 18-19, "portions." should read --portions, wherein the medium is one of a disk and a card.--

Lines 28-29, delete claim 4.

MAILING ADDRESS OF SENDER:

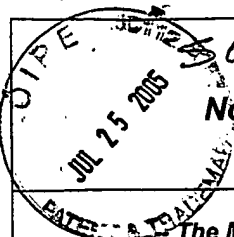
Imation Corp. Legal Affairs
ATTN: Eric D. Levinson
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St. Paul, Minnesota 55164-0898

PATENT NO. 6,850,345 B2

No. of additional copies



JUL 29 2005



Supplemental
Notice of Allowability

Application No.	Applicant(s)	
10/781,439	EDWARDS ET AL.	
Examiner	Art Unit	
Fayez G. Assaf	2872	

The MAILING DATE of this communication appears on the cover sheet with the correspondence address--
All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to the phone interview with Mr. Levison which occurred on 11/29/2004.
2. ☒ The allowed claim(s) is/are 1-3 and 5-21.
3. ☒ The drawings filed on 18 February 2004 are accepted by the Examiner.
4. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☐ All b) ☐ Some* c) ☐ None of the:
 1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).
 - * Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.

6. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.

Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).

7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

- | | |
|---|--|
| 1. <input type="checkbox"/> Notice of References Cited (PTO-892) | 5. <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 6. <input type="checkbox"/> Interview Summary (PTO-413),
Paper No./Mail Date _____. |
| 3. <input checked="" type="checkbox"/> Information Disclosure Statements (PTO-1449 or PTO/SB/08),
Paper No./Mail Date <u>8/13/2004</u> | 7. <input checked="" type="checkbox"/> Examiner's Amendment/Comment |
| 4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit
of Biological Material | 8. <input checked="" type="checkbox"/> Examiner's Statement of Reasons for Allowance |
| | 9. <input type="checkbox"/> Other _____. |

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DETAILED ACTION

Examiner's Amendment

An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Eric Levinson on 11/29/2004.

The application has been amended as follows:

Claim 1 has been amended in order to avoid a possible statutory double patenting rejection over US Patent 6,611,365.

Claim 4 has been cancelled.

Claim 1 has been amended as follows:

1. (currently amended) A holographic data storage medium comprising:

a first injection molded thermoplastic substrate portion having a thickness less than approximately 2 millimeters and greater than 0.5 millimeters,

a second injection molded thermoplastic substrate portion having a thickness less than approximately 2 millimeters and greater than 0.5 millimeters, and

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a holographic recording material between the first and second injection molded thermoplastic substrate portions, wherein the medium is one of a disk and a card.

Reasons for Allowance

Claims 1-3 and 5-21 are allowable over the prior art for at least the reason that the prior art fails to teach or reasonably suggest the injection molded thermoplastic substrates or substrate portions each having a thickness less than approximately 2 millimeters and greater than 0.5 millimeters as set forth in the claimed combination.

The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Curtis et al (US 6,348,983 B1): the reference discloses a holographic storage device having a data storage medium comprising, a first polycarbonate substrate (205 of Fig. 2) having a thickness less than approximately 0.6 millimeters, a second polycarbonate substrate portion having a thickness less than approximately 0.6 millimeters, and a photopolymer holographic recording material between the first and second substrate portions, (line 3 to line 7 of Col. 8). The reference does not teach at least the thermoplastic substrates each having a thickness less than approximately 2 millimeters and greater than 0.5 millimeters.

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Conclusion

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Fayez G. Assaf whose telephone number is (571) 272-2307. The examiner can normally be reached on 8-5 M-F.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Drew Dunn can be reached on (571) 272-2312. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on

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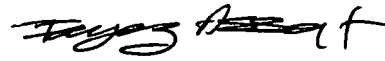
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access to the Private PAIR system, contact the Electronic
Business Center (EBC) at 866-217-9197 (toll-free).

FA

11/29/04



FAYEZ G. ASSAF
PRIMARY EXAMINER